



# PolyFlex

## Non-yellowing Moisture Cure Urethane

### PROPERTIES

PolyFlex is a moisture cure clear coating supplied at application viscosity, which gives an extremely tough and durable film. Because it is an Aliphatic Polyurethane, it is non-yellowing. It has a UV absorber incorporated which will protect substrates from the effects of sunlight.

Type of Urethane: Aliphatic  
Modification: UV Absorber included  
Total Solids Content: 45%  
Solvent: Xylol/Ethyl Glycol Acetate  
S.G.: 0.975-0.985 kg/litre  
Finish: Full gloss and satin  
Colour: Clear liquid  
Minimum Application 3 coats  
Temperature: +10°C

### SUGGESTED USES

- Interior, Exterior.
- Has exceptional exterior durability as confirmed by natural exposure trials.
- Traffic coat for seamless flake flooring.
- Aggregate glaze over polished concrete.
- Marine coating.
- Barrier coat for areas of high abrasion, dirt pickup, chemical contamination.
- Imbedding non-skid aggregates.

### NOT RECOMMENDED

- Immersion in strong acids, alkalis or aggressive solvents.
- Application to damp substrates.

### DRY TIMES

Tack free: 3.5 hours

Hard dry: 6 hours

Recoat min: 6 hours

Recoat max: 18 hours

Recoating should be carried out within 18 hours of application in average conditions, otherwise the film cures to such a degree that adhesion of further coats becomes a problem.

**Chemical Resistance**  
(Splash or occasional contact)

Acids:	Good
Alkalies:	Good
Solvents:	Good
Water:	Excellent

**Application Method**

Brush, roller, spray.

**Coverage Rate**

Walls: @ 5-6 m<sup>2</sup>/L.

Floors: 6-8 m<sup>2</sup>/L.

**Thinning**

Not recommended.

**Cleaning Up**

Cleaning Solvent.

**Caution**

- Contents purged with nitrogen. An irreversible cure commences once exposed to the atmosphere.
- Do not return unused product to container as this may cause gelling of the product in the container.
- Solvent fumes may communicate to foodstuffs.
- When spraying, wear protective clothing, gloves and eye and face protection, including suitable breathing protection such as an air supplied respirator or hood.
- Do not breathe vapour or spray.
- Harmful by inhalation and in contact with skin and eyes.
- Ensure Material Safety Data Sheets are displayed on site.
- Contents flammable.
- Provide adequate ventilation.

**Shelf Life**

- 12 months in unopened cans.
- Maximum 2-3 weeks once can has been opened.

**Packaging** 20 litre pails.

**Flash Point** +24°C.

**Dangerous Goods Class** 3.

The Australian Trade Practices Act implies into contracts for the supply by a corporation of services as a "consumer" non-excludable warranties that, among other things, the goods provided will be of merchantable quality. Except to the extent that the Purchaser has non-excludable rights against the company under the Trade Practices Act, and because we cannot anticipate or control the many different conditions under which our products and information furnished relating to their use may be used, we do not guarantee the applicability or the accuracy of this information or the suitability of our products in any given situation.

In accepting our goods the customer acknowledges:

(a) The materials are of a hazardous nature and that the customer is responsible for disposal of the container in accordance with the requirements and regulations of the relevant supervising government.

(b) The materials have a limited shelf life and must be stored strictly in accordance with the guidelines and specifications relating to the particular product.

(c) The company gives no warranty as to the applicability for the particular use by the customer and the customer shall be responsible for having to ensure that the materials are fit for the use by the customer.